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CENTRAL FAX CENTER

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## 1 LISTING OF CLAIMS

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3 1. (Currently amended) A client-side caching system, comprising:  
4 a client for issuing a request based on a user selection for a resource on a  
5 server; and

6 a server for receiving the request and sending a response including a  
7 cookie and a client-side script to the client, wherein the cookie value represents  
8 the last version of the resource, and wherein the client-side script appends the  
9 cookie value to the request for [[a]] the resource such that and causes the client  
10 to automatically re-requests re-request the resource with the appended cookie  
11 value so that if the ~~most recent~~ last version of the resource is in the client cache,  
12 the resource is retrieved from the client cache rather than from the server, and if  
13 not, the resource is retrieved from the server.

14 2. (Original) The client-side caching system of claim 1, wherein the  
15 resource is a web page, the resource is located at a URL, and the client is a web  
16 browser with a browser cache.  
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18 3. (Previously presented) The client-side caching system of claim 1,  
19 wherein the response includes a non-displayed relatively small page and the  
20 cookie is in a response header and the client-side script is in the entity body of  
21 the response.  
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23 4. (Previously presented) The client-side caching system of claim 1,  
24 wherein the client-side script that appends the cookie value to the request is  
25 embedded in a displayed page.  
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1        5.        (Currently amended) A server for a client-side caching system,  
2 comprising:

3                a server for receiving a client request for a resource, ~~updating a database,~~  
4 creating and inserting a cookie and a client-side script in a response to the client  
5 request, wherein the cookie value represents the last version of the resource, and  
6 wherein the client-side script appends the cookie value to the client request for  
7 [[a]] the resource such that and causes the client to automatically re-requests re-  
8 request the resource with the appended cookie value so that if the most recent  
9 last version of the resource is in the client cache, the resource is retrieved from  
10 the client cache rather than from the server, and if not, the resource is retrieved  
11 from the server.

12        6.        (Currently amended) The server of claim 5, wherein the server  
13 includes a web server for listening to client requests, the resource is a web page  
14 at a URL, and the client-side script appends the cookie value to the URL of the  
15 web page requested to form a rewritten URL and causes the client to  
16 automatically re-request the resource with the rewritten URL, and an application  
17 server for creating the cookie and inserting the cookie into a response header  
18 and inserting the client-side script into the entity body of the response.  
19

20        7.        (Previously presented) The server of claim 6, wherein the server sets  
21 the cookie value by determining the last modified time of each web page in the  
22 same class as the web page which is the subject of the request, and sets the  
23 cookie value to the maximum value of the last modified times.  
24

25        8.        (Previously presented) The client-side caching system of claim 2,  
26 wherein the server sets the cookie value by determining the last modified time of  
27 each web page in the same class as the web page which is the subject of the  
28 request, and sets the cookie value to the maximum value of the last modified  
29 times.  
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1       9.     (Currently amended) A client-side caching system, comprising:  
2       a client for issuing a request based on a user selection for a resource  
3       stored on a server and for receiving a server response including a cache control  
4       object and a client-side script, wherein the cache control object represents the  
5       correct version of the resource, and wherein the client-side script appends the  
6       cache control object value to the request for the resource, and without another  
7       user selection for the resource causes the client to automatically re-requests re-  
8       request the resource with the appended cache control object value so that if the  
9       correct version of the resource is in the client cache, the resource is retrieved  
10      from the client cache rather than from the server, and if not, the resource is  
11      retrieved from the server.

12       10.    (Previously presented) The client-side caching system of claim 9,  
13      wherein the resource is a web page located at a URL, the correct version is the  
14      last version of the resource, and the client is a web browser with a browser  
15      cache.  
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17       11.    (Previously presented) The client-side caching system of claim 10,  
18      wherein the request and the response are HTTP compliant, the response is a  
19      relatively small non-displayed page, the cache control object is a cookie in a  
20      response header, and the client-side script is in the entity body of the response.  
21

22       12.    (Previously presented) The client-side caching system of claim 9,  
23      wherein the client-side script that appends the cache control object to the request  
24      is embedded in a displayed page.  
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26       13.    (Previously presented) The client-side caching system of claim 9,  
27      wherein Internet protocols define communication between the client and the  
28      server, and the correct version is the last version of the resource.  
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1        14. (Previously presented) The client-side caching system of claim 11,  
2 wherein the server sets the cookie value by determining the last modified time of  
3 each page in the same class as the page which is the subject of the request, and  
4 sets the cookie value to the maximum value of the last modified times.

5  
6        15. (Currently amended) A method of client-side caching in a server,  
7 comprising:

8        receiving a client request for a web page; and

9        inserting a cookie and a client-side script in response to the client request,  
10 wherein the cookie value represents the last version of the web page, and  
11 wherein the client-side script appends the cookie value to the client request for  
12 the web page ~~such that~~ and causes the client to automatically ~~re-requests~~ re-  
13 request the web page with the appended cookie value so that if the ~~most recent~~  
14 last version of the web page is in the client cache, the web page is retrieved from  
15 the client cache rather than from the server, and if not, the web page is retrieved  
16 from the server.

17        16. (Previously presented) The method of claim 15, further comprising  
18 determining the last modified time of each web page in the same class as  
19 the web page which is the subject of the request, and setting the cookie value to  
20 the maximum value of the last modified times.

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22        17. (Previously presented) The method of claim 15, further comprising:  
23 reviewing the extension of the requested web page to determine a run time  
24 environment;  
25 loading the run time environment; and  
26 updating a database with information from the client request.  
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1        18. (Currently amended) A method of client-side caching in a browser,  
2 comprising:  
3        presenting a user selection for a web page at a URL; and  
4        receiving a server response including a cookie and a client-side script,  
5 wherein the cookie value represents the most recent version of the web page, and  
6 wherein the client-side script appends the cookie value to the URL generating a  
7 rewritten URL and causes the browser to automatically re-request re-request the  
8 web page with ~~[[a]] the rewritten URL of the URL with the appended cookie value~~  
9 so that if the most recent version of the web page is in the browser cache, the  
10 web page is retrieved from the browser cache, and if not, the web page is  
11 retrieved from the server.

12        19. (New) A method performed in a server to implement client-side  
13 caching, comprising:  
14        receiving a request from a web browser with a cache based on a user  
15 selection for a web page located at a URL on the server; and  
16        sending a response including a cookie and a client-side script to the web  
17 browser, wherein the cookie value represents the last version of the web page,  
18 and wherein the client-side script appends the cookie value to the URL of the  
19 requested web page to form a rewritten URL and causes the web browser to  
20 automatically re-request the web page using the rewritten URL so that if the last  
21 version of the web page is in the web browser cache, the web page is retrieved  
22 from the web browser cache rather than from the server, and if not, the web page  
23 is retrieved from the server.

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25        20. (New) The method of claim 19, wherein the client-side script causes  
26 the web browser to automatically re-request the web page without another user  
27 selection.  
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1       **21. (New) The method of claim 19, wherein the response includes a non-**  
2 **displayed relatively small page and the cookie is in a response header and the**  
3 **client-side script is in the entity body of the response.**

4  
5       **22. (New) The method of claim 19, wherein the client-side script that**  
6 **appends the cookie value to the request is embedded in a displayed page.**